

07/29/03

17224 U.S. PTO

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.: IS01263ESG

First Inventor: Howard et al.

Title: Charging Method for Extending Battery Life in the Presence of Temperature

Express Mail Label No.:

EL449889530US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS  
(see MPEP chapter 600 concerning  
utility patent application contents)

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form in duplicate  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status  
See 37 CFR 1.27
3. ☒ Specification Total Pages 10  
(preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross Reference to Related Applications  
-Statement Regarding Fed sponsored R&D  
-Reference to sequence listing, a table,

-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

4. ☒ Drawing(s) Total Sheets 2
5. Oath or Declaration
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37  
CFR 1.63(d)) (for continuation/ divisional with  
Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet under 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large  
table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CFR)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-4 (2 copies);
- ii. ☐ or paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) ☐ Power of Attorney  
Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ IDS ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
15. ☐ Certified Copy of Priority Document
16. ☐ Nonpublication Request under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in- Part (CIP) Prior Appl. No. \_\_\_\_\_

Prior Appl. information:

Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label \_\_\_\_\_ or ☐ Correspondence address below

Name Philip H. Burrus, IV

Address Motorola, Inc. - Law Department

1700 Belle Meade Court

City Lawrenceville

State

Georgia

Zip Code

30043

Country U.S.A.

Telephone

Fax

Name Philip H. Burrus, IV

Registration No.

45 432

SIGNATURE

Date

7/23/03

IS01263ESG

# FEE TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

Application Number	
Filing Date	
First Named Inventor	Jason N. Howard
Examiner Name	
Group Art Unit	
Attorney Docket No.	IS01263ESG

TOTAL AMOUNT OF PAYMENT (\$)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number **502117**  
Deposit Account Name **Motorola, Inc.**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 750

### 2. EXTRA CLAIM FEES

Total Claims	Previously Paid**	Extra Claims	Fee from below	Fee Paid
Independent Claims	20	X	18	
Multiple Dependent	3	X	84	
			280	

  

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	* Reissue independent claims over original patent
1205	18	2205	9	* Reissue claims in excess of 20 and over original Patent

SUBTOTAL (2) (\$) 40

\*\*OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.

\*For Reissues, see above

### SUBMITTED BY

Name (Print/Type) Philip H. Burrus, IV

Signature

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Fee	Small Entity	Fee	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late Provisional filing
1053	130	1053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte Reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1450	2254	725	Extension for reply within fourth month
1255	1970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1300	2453	650	Petition to revive - unintentional
1501	1300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of IDS
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify)

\* Reduced by Basic Filing Fee paid

SUBTOTAL (3) (\$) 40

Complete (if applicable)

Registration No. 45,432 Telephone 602-759-3574

Date

7/23/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Howard et al. Group Art Unit:  
Application No.: Examiner:  
Date Filed: Batch No.:  
Title: Charging Method for Extending Battery Life in the Presence of High Temperature

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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231, ON: July 24, 2003

Date of Deposit

MOTOROLA INC.

Name of Assignee

Mike M. Leary  
SIGNATURE

July 24, 2003  
DATE